



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

MISCELLANEOUS.

150. Proposed by T. N. HAUN, Mohawk, Tenn.

If $\frac{\sin \phi}{\sin \psi} = m$, find maximum and minimum value of $\frac{\sin(\phi + \theta)}{\sin(\psi + \theta)}$, where θ is known.

151. Proposed by W. J. GREENSTREET.

Sum the series $\sum_{r=1}^{r=m} \operatorname{cosec}\left(\frac{2r-1}{4m}\pi + \theta\right) \operatorname{cosec}\left(\frac{2r-1}{4m}\pi - \theta\right)$.

NOTES.

Mr. A. R. Crathorne of the University of Wisconsin is a student at Göttingen.

Professor W. D. Cairns of Oberlin College is spending the year in research at Göttingen.

Professor H. S. White of Northwestern University has been called to Vassar College.

Mr. W. C. Brenke has been appointed Austin Teaching Fellow in Astronomy at Harvard.

Mr. T. C. Jones has been appointed fellow in mathematics at the University of Pennsylvania.

Mr. H. W. Reddick has been appointed fellow in mathematics at the University of Illinois.

Dr. W. D. Westfall has been appointed instructor in mathematics at the University of Missouri.

Mr. Homer R. Higley has been appointed instructor in mathematics in the Pennsylvania State College.

Dr. W. B. Ford of Williams College has been appointed instructor in mathematics at the University of Michigan.

The assistants in mathematics for 1905-6 at Indiana University are Mr. Charles Haseman, and Mr. D. J. Crittenberger.

The University of Washington has appointed Professor F. M. Morrison of Buchtel College as assistant professor of mathematics.

Professor H. F. Blichfeldt will spend next year in research at European universities, on leave of absence from Stanford University.